



100

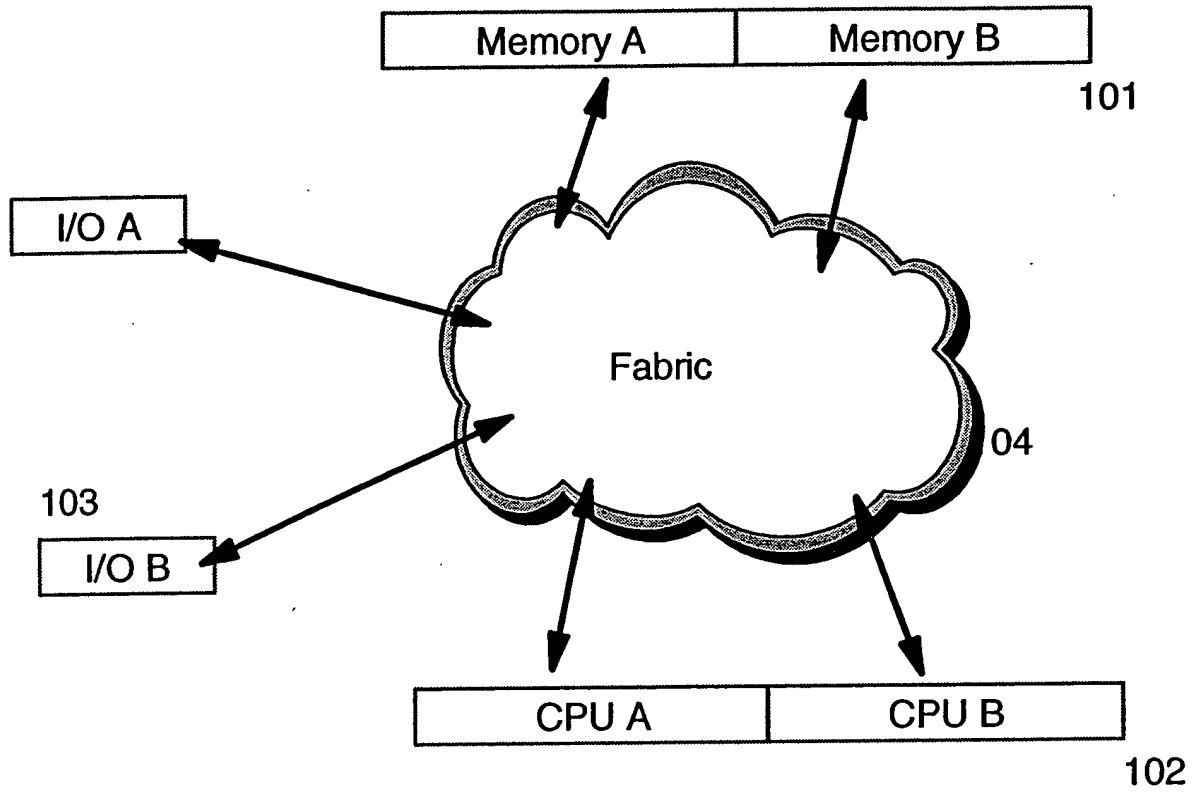
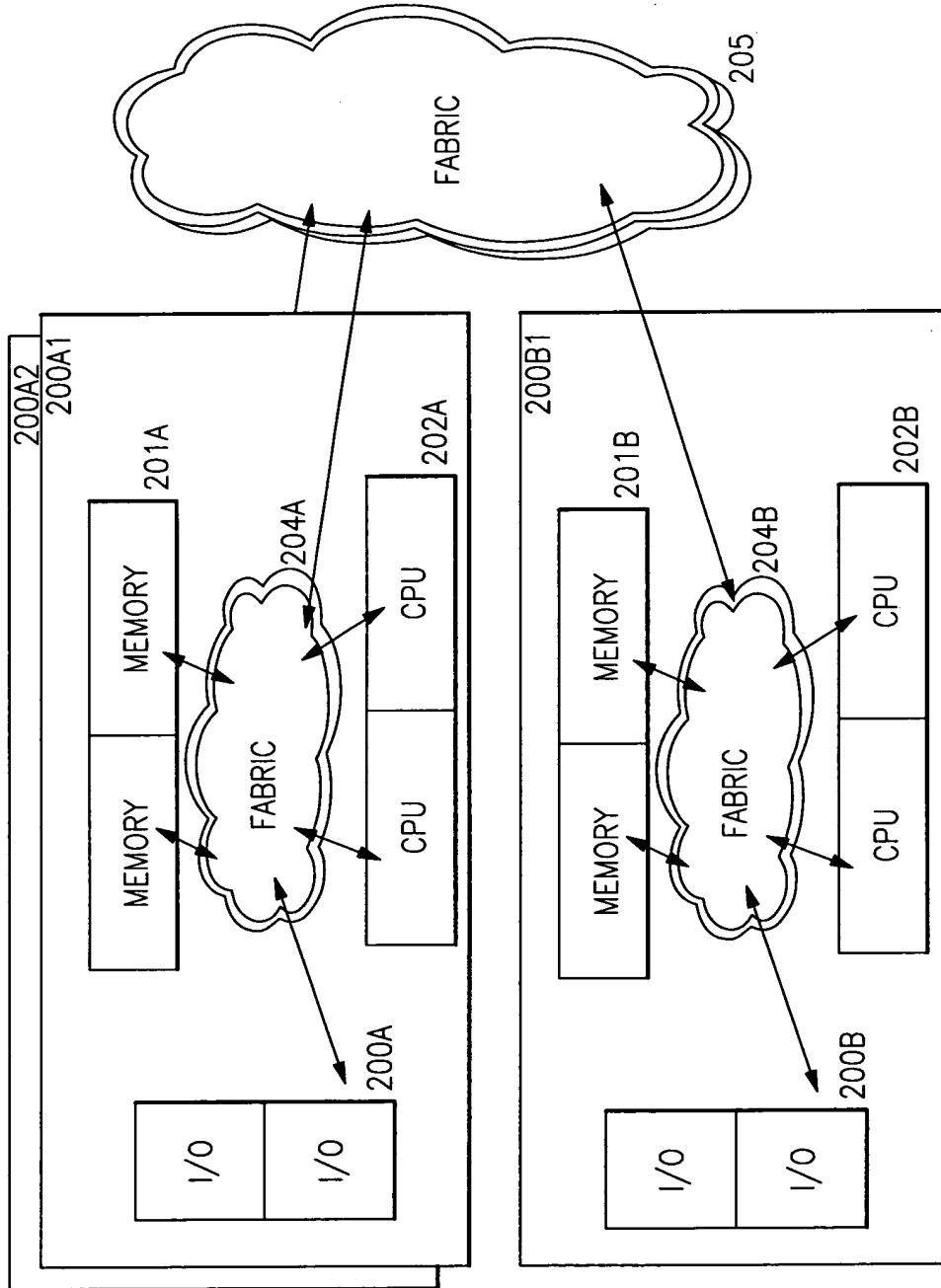
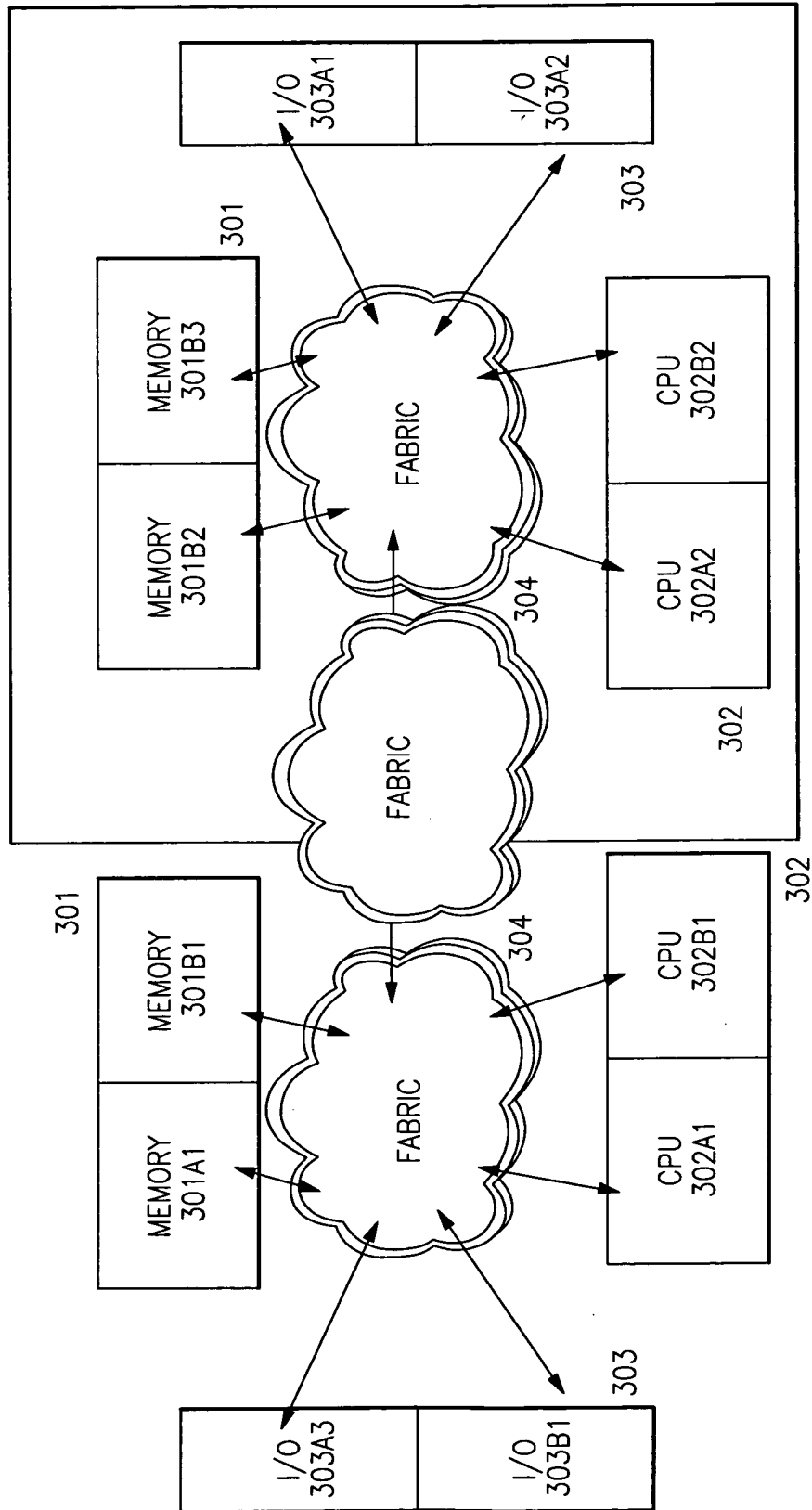


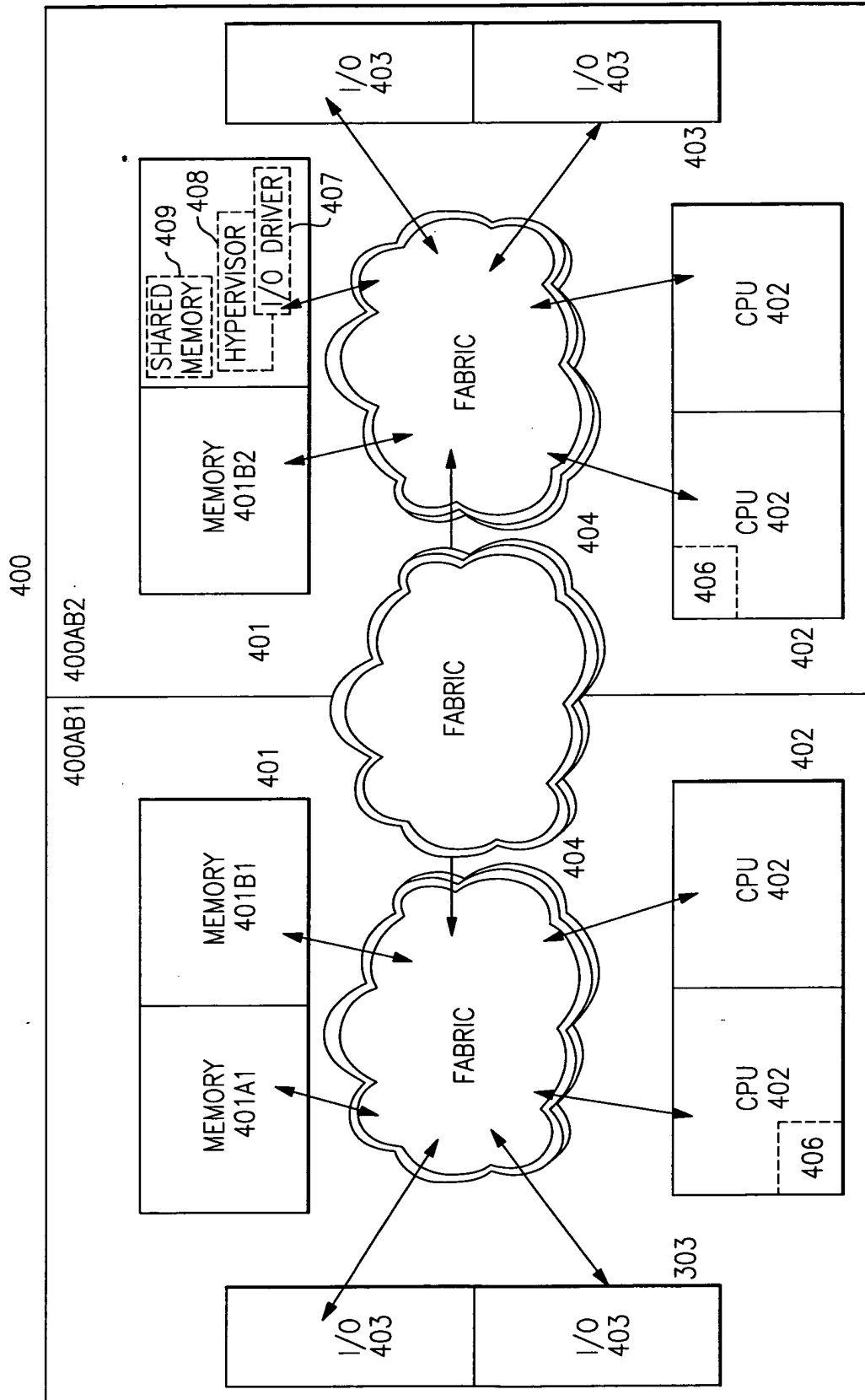
Figure 1



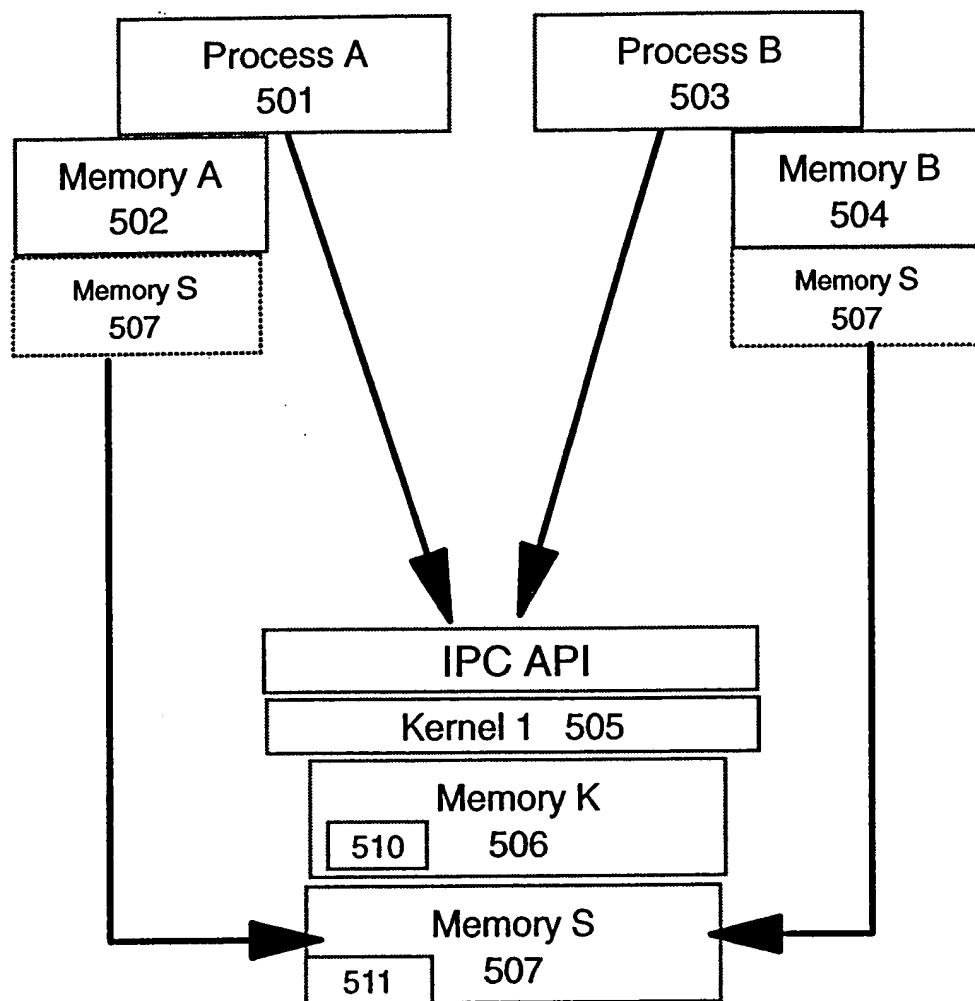
**FIG.2**

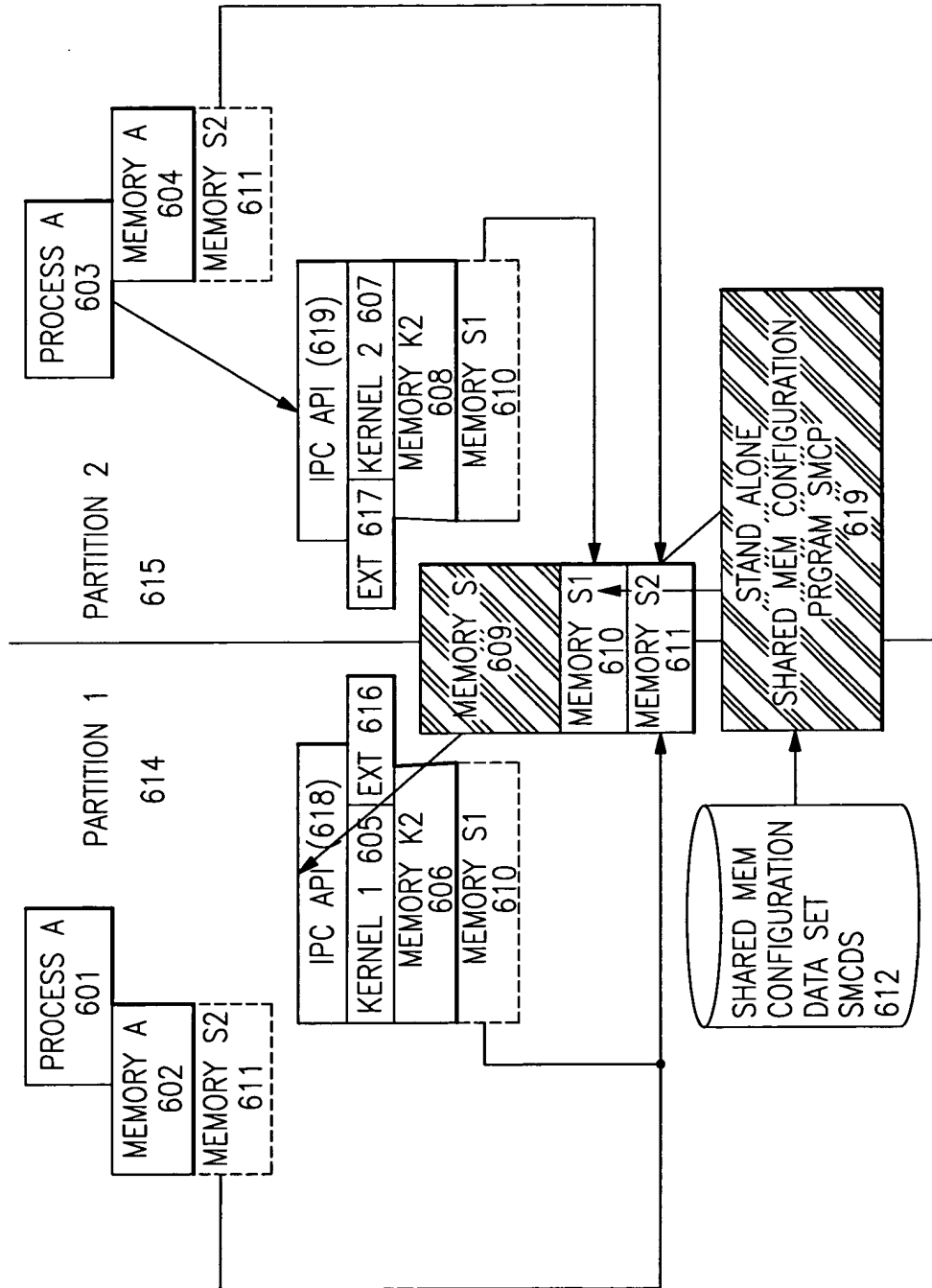


**FIG.3**

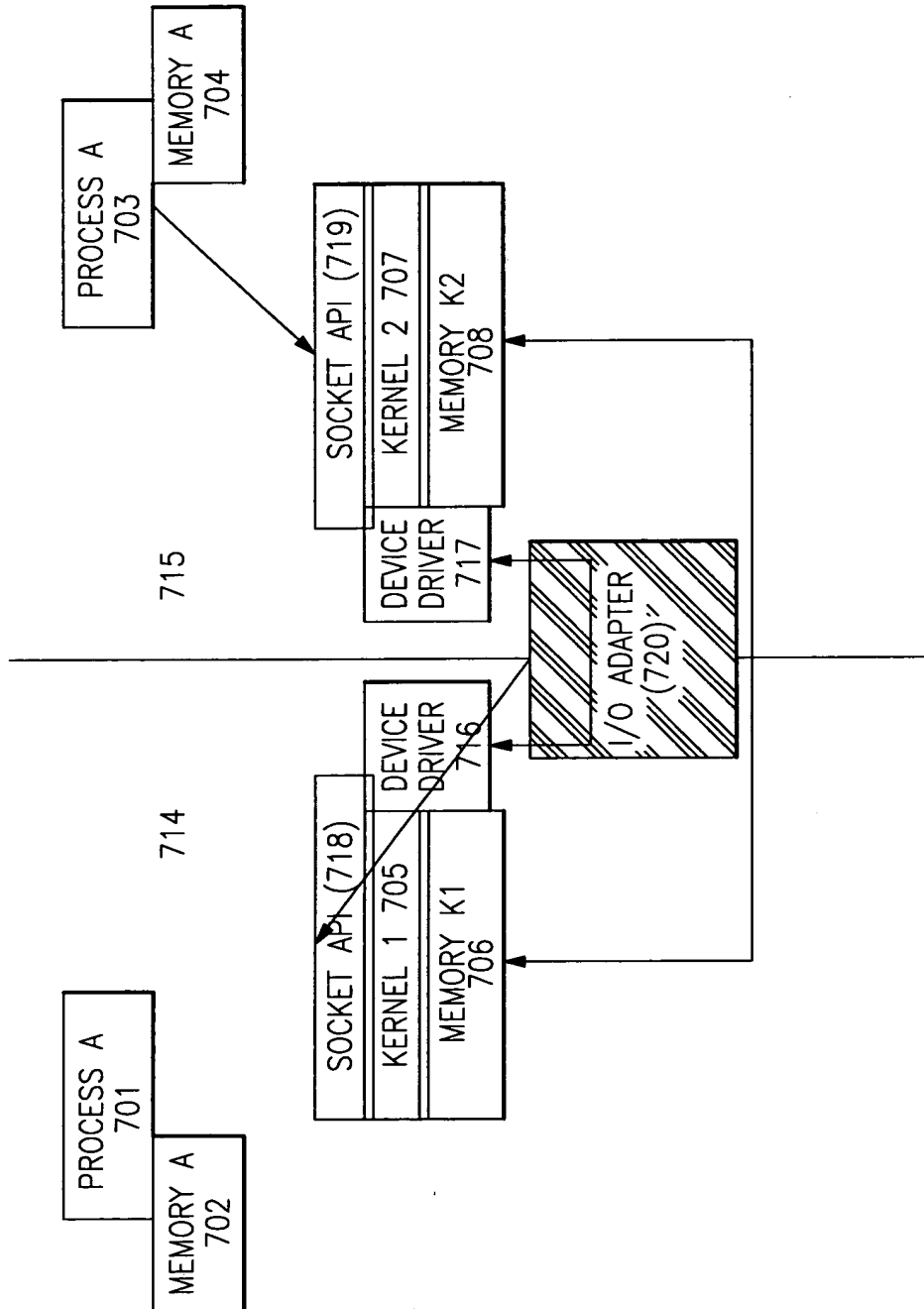


**FIG. 4**

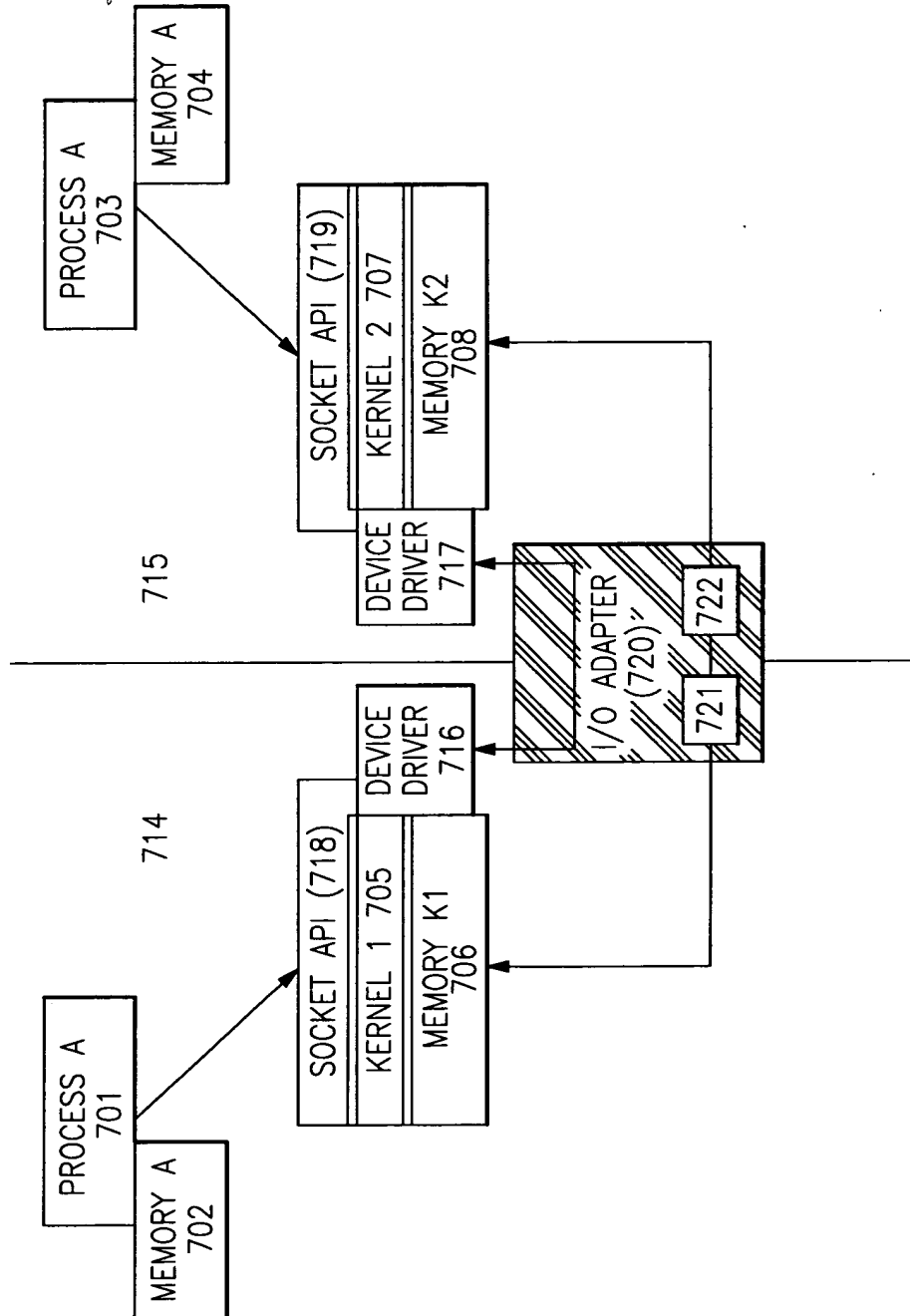
**Figure 5**



**FIG.6**

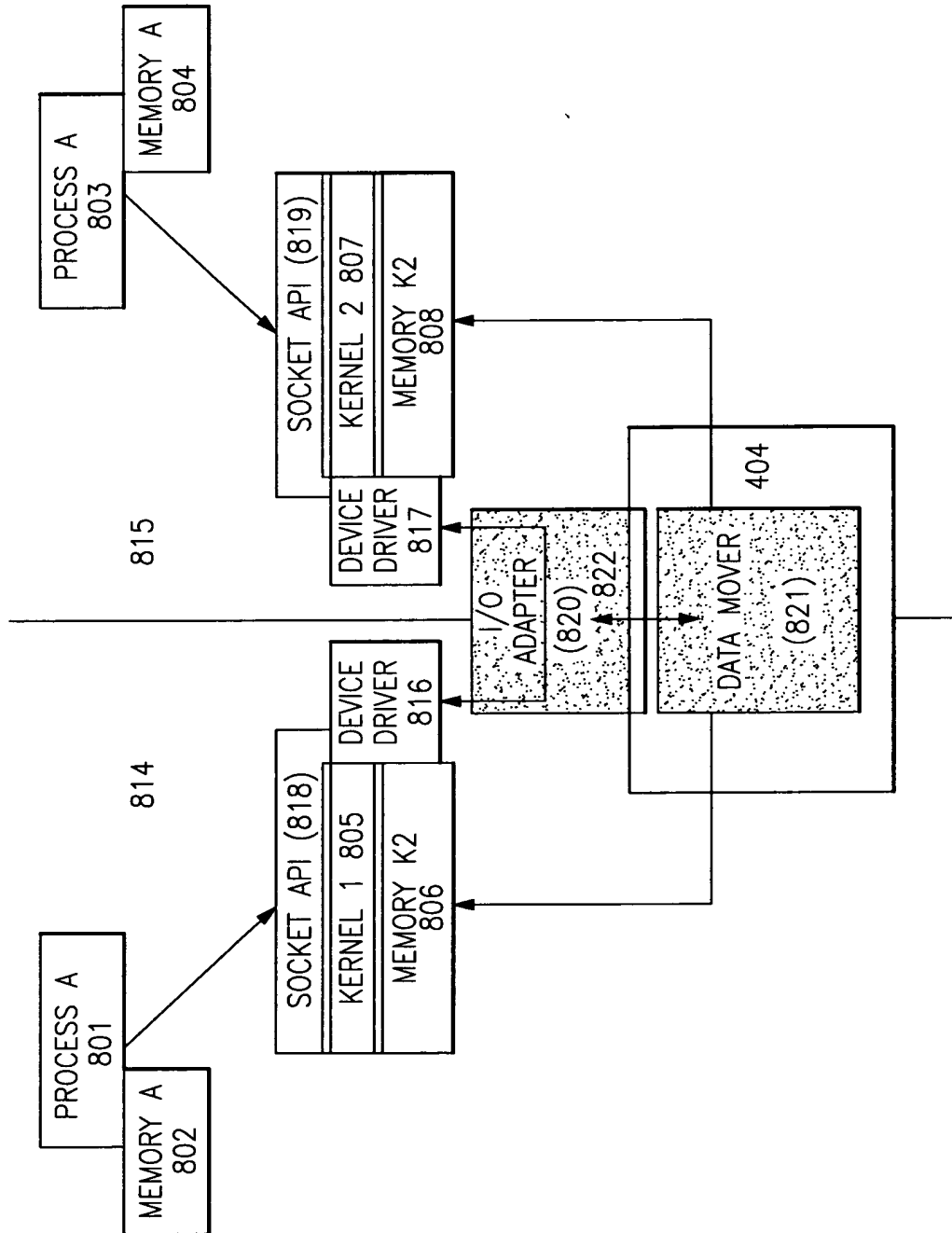


**FIG. 7A**



**FIG.7B**





**FIG.8**

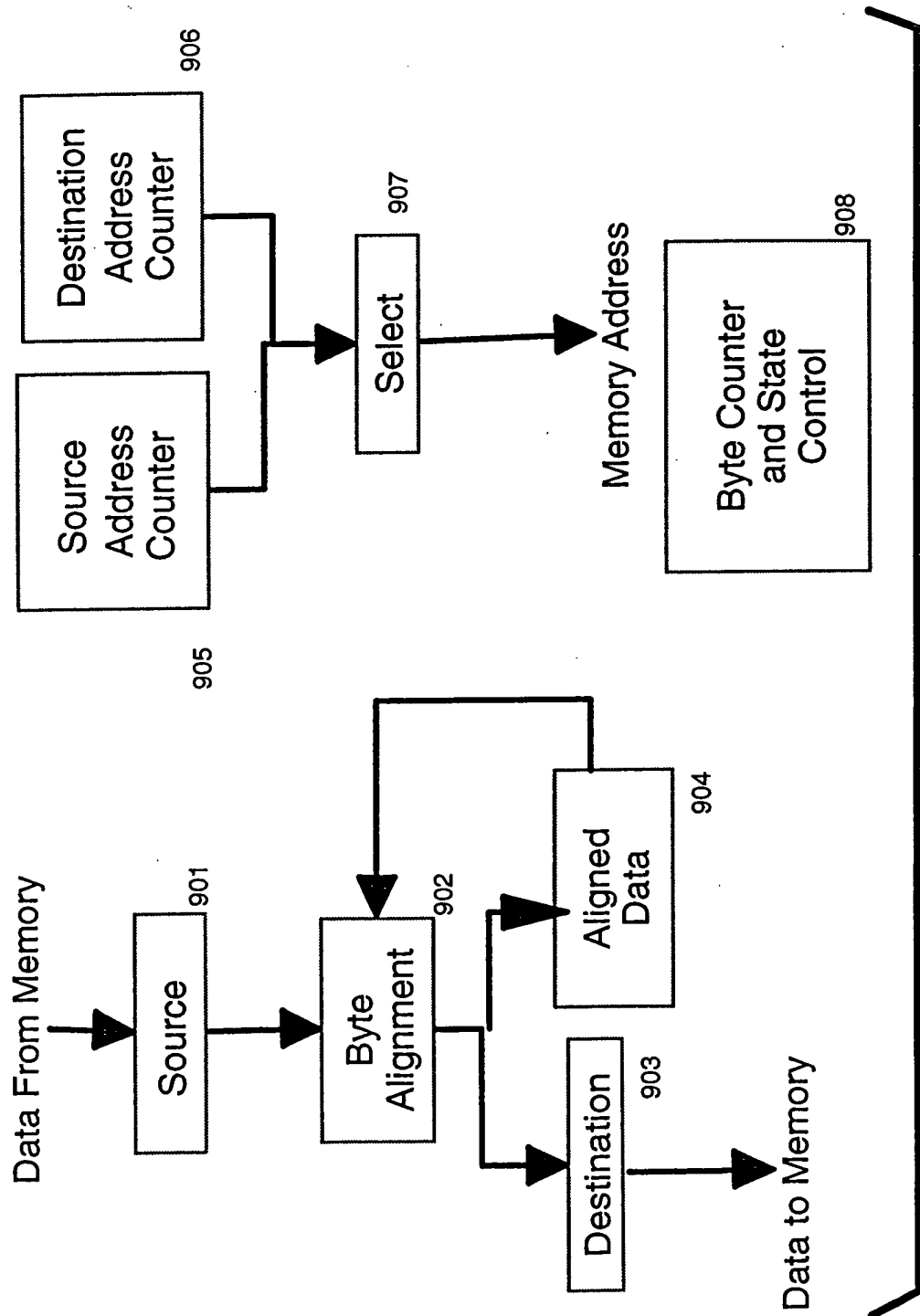


Figure 9

**1000**

MVXL	Count	Destination	Source
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**Figure 10**

- 1101. User calls Device Driver
  - Supplies
    - Source Network ID
    - Source Offset
    - Destination Network ID
- 1102. Device driver transfers addresses to Adapter
- 1103. Adapter Translates Addresses
  - Looks up Physical Base addresses from ID's (Table Lookup)
  - Obtains Lock and current Destination Offset
  - Adds offsets
  - Checks bounds
- 1104. Adapter loads count and addresses in registers
- 1105. Adapter executes Data Move
- 1106. Adapter Frees Lock
- 1107. Adapter notifies device Driver which "Returns" to user

**Figure 11**

1201. User calls Device Driver

- Supplies
  - Source Network ID
  - Source Offset
  - Destination Network ID

1202. Device driver sends addresses to adapter

1203. Adapter Translates

- Looks up Physical Base addresses from ID's (Table Lookup)
- Obtains Lock and current Destination Offset\*
- Adds offsets
- Checks bounds
- Returns Lock and Physical addresses to Device Driver

1204. Device Driver executes Data Move

1205. Device Driver Frees Lock

1206. Device Driver Returns

**Figure 12**

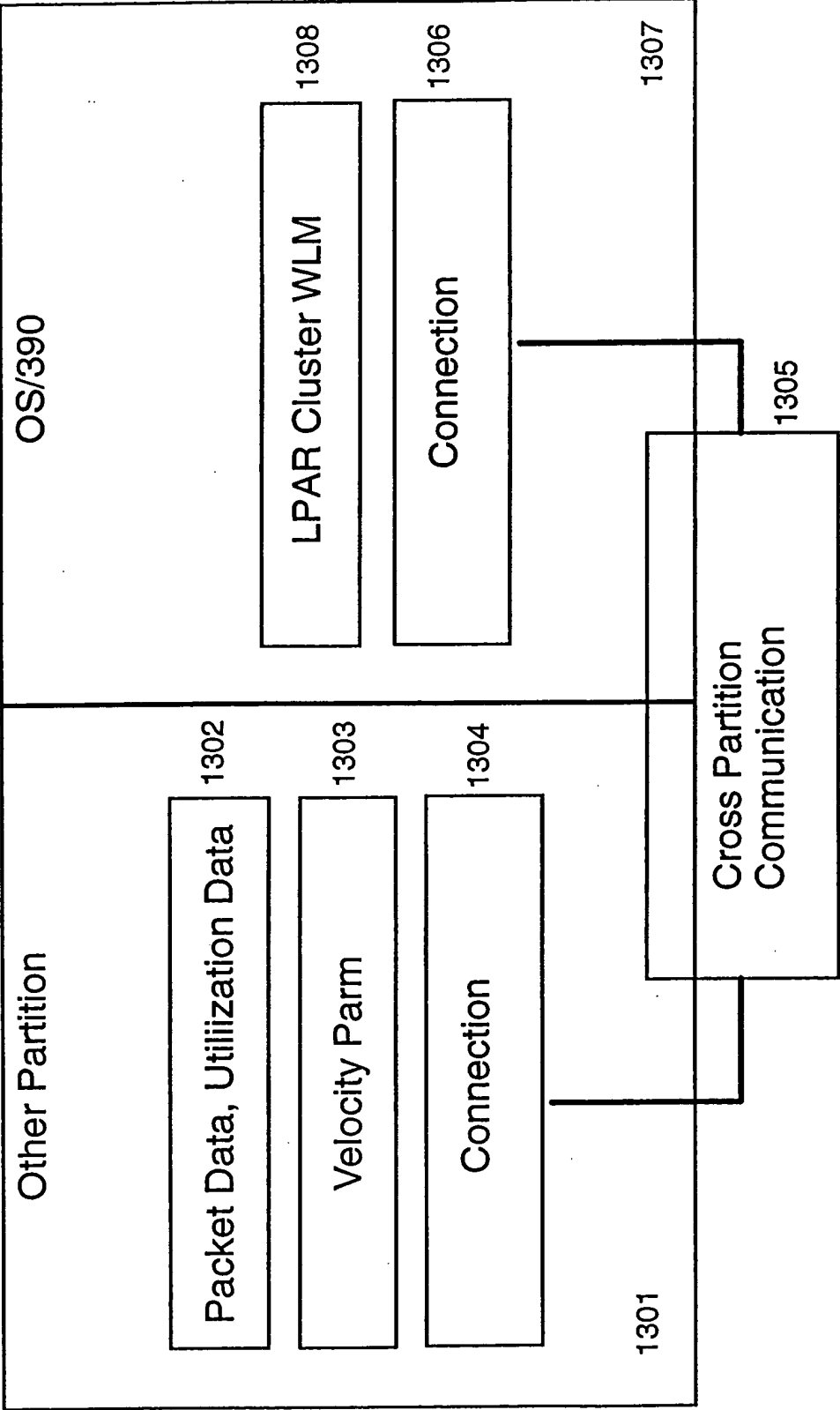
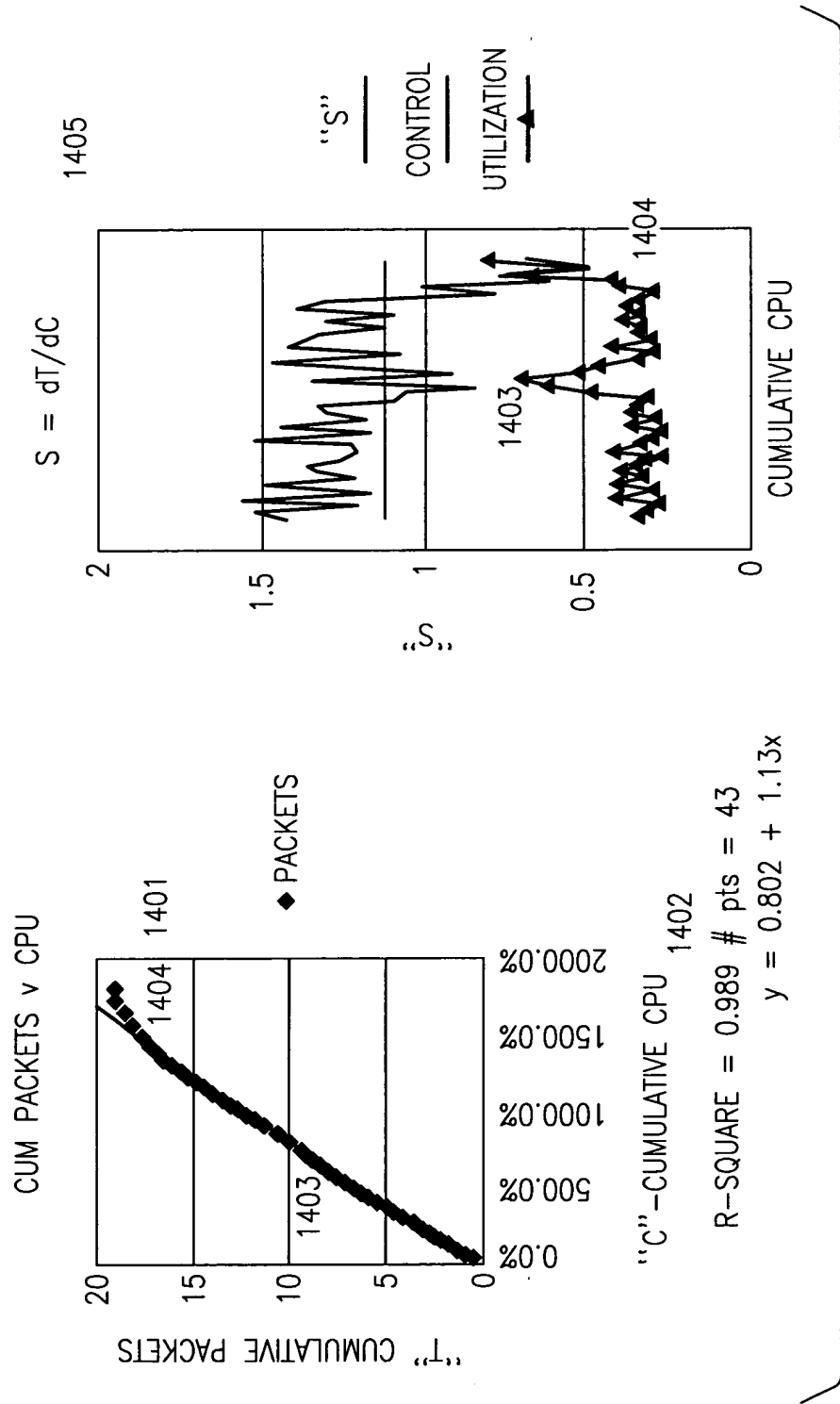
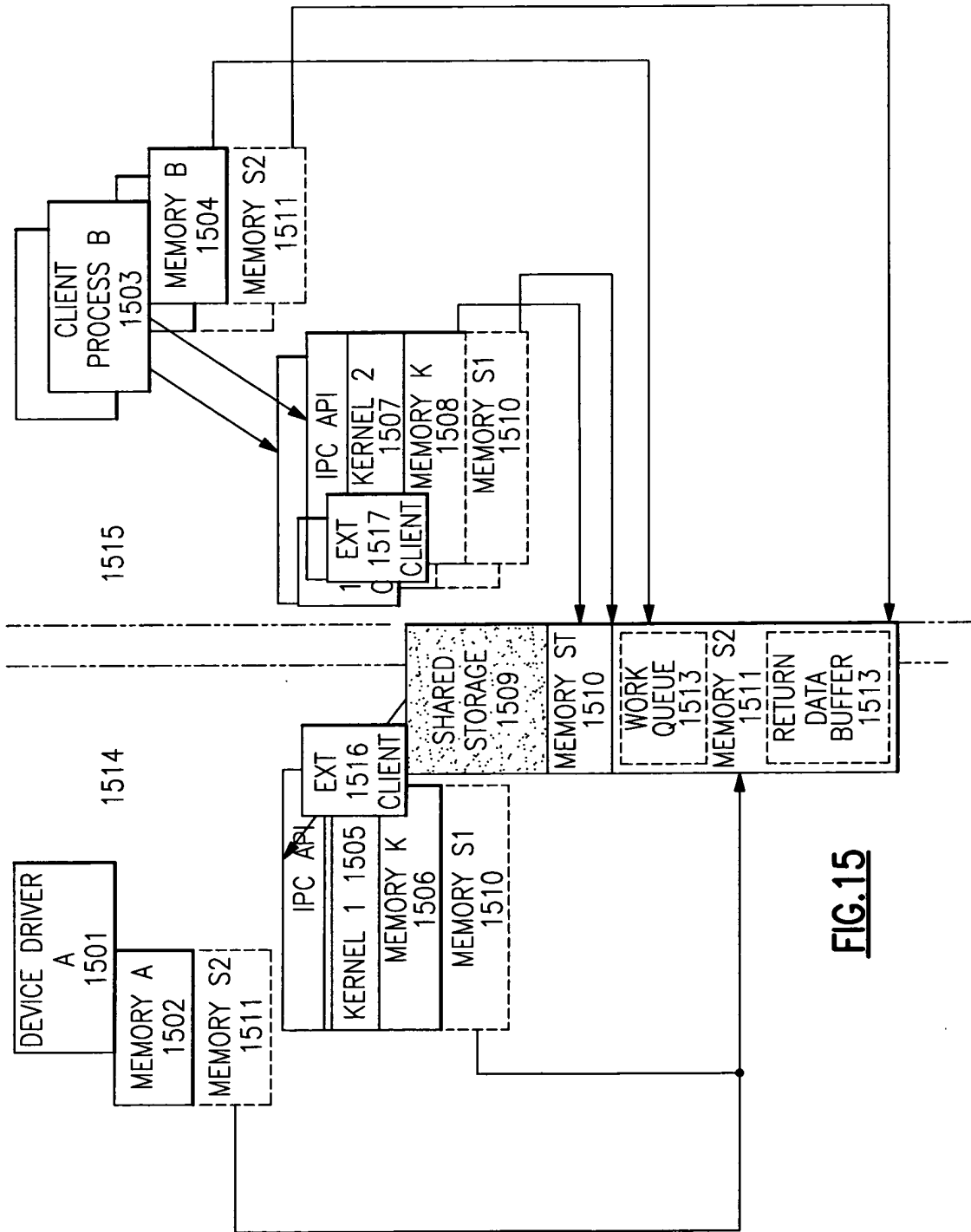


Figure 13

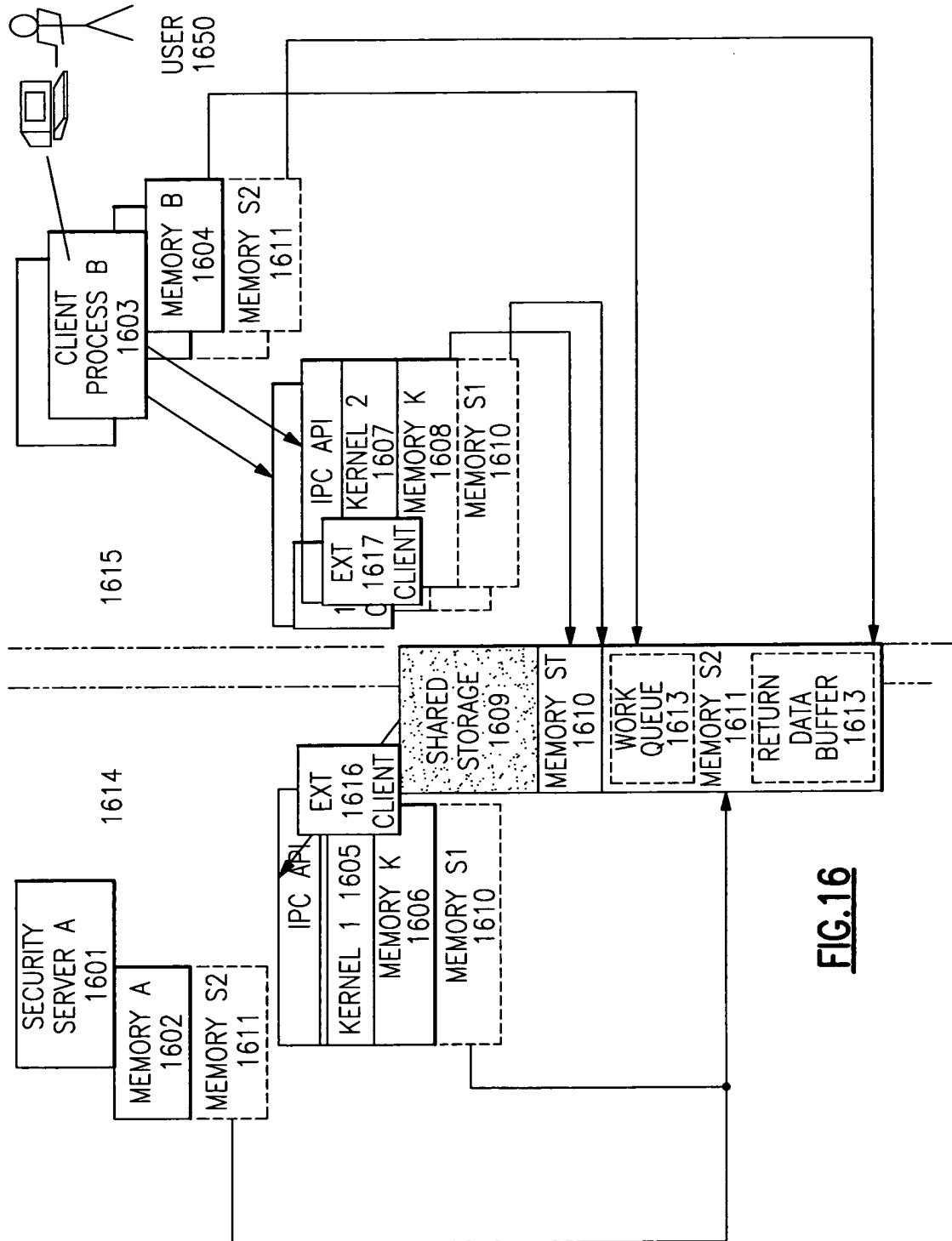


**FIG.14**



**FIG.15**





**FIG.16**